2937

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2937	038	01	21	76	29AH	3536	7520

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0016	07	08	08	009	Y	SW	20

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	CL	SA	E	FT	070	—	12	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00488	0001	—	00015

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
							PO	DO
START	35° 36′	75° 20′	3H4 1289	3L1 4834	16		1210	1211
							PU	ON
FINISH	35° 38′	75° 19′	1313	4834	13		1241	1244

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1209 2 / 5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

29AH

R/V DAN MOORE SPECIES LIST

STA. NO. 2937 DATE JAN 21 1976 BIOLOGISTS BFH JV SGK

TOT. CATCH WT. 504.8 AIR 8 SURFACE 7 BOTTOM 8.3

SAMPLE WT. 80 RAISING FACTOR 0

38
42
80

22
11
7
40

SPECIES	C or NC	NUMBER	WEIGHT	TOT. WT. (pds)	$\bar{X}$ Wt	REMARKS
Merluccius bilinearis		14	22		1.6	
Centropristes striata		3	1		0.3	
Paralichthys dentatus		61	22		0.4	
Peprilus triacanthus	C	6	3.8		0.4	
	N	28	2.5		0.1	
Cynoscion regalis	C	1	1.3		1.3	
Lophius americanus		1	22		22	
Urophycis regius		3	1.5		0.5	
Prionotus scitulus		1	.1		0.1	
Micropogonias undulatus	C	1	.5		0.5	
Raja eglanteria		5	12		2.4	
Squalus acanthias		40	400		10	
Loligo pealei	C	26	6		0.2	
	NC	93	3.5		<0.1	
Asteroidea		22	1		<0.1	
Limulus polyphemus		2	4		2	
Limbina sp.		1	.5		0.5	
yunk			.8			
Cancer irroratus		1	.2		0.2	
Callinectes sapidus		1	.1		0.1	

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Species: P. DENTATUS

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
1	362	♀						I	2937	Area II
2	224	♀						I		
3	240	♀						I		
4	223	♂								
5	255	♀						I		
6	244	♂								
7	257	♀						I		
8	375	♀						I		
9	235	♂								
10	360	♀						I		
11	249	♀						I		
12	348	♀						I		
13	245	♀						I		
14	194	♀						I		
15	214	♂								
16	216	♂								
17	250	♂								
18	256	♀						I		
19	195	♂								
20	220	♂								
21	402	♀						VI ?		Nontypical, juvenile, small ovary
22	252	♂								
23	216	♂								
24	225	♀						I		
25	218	♂								
26	311	♀						I		
27	227	♂								
28	294	♀						I		
29	268	♀						I		
30	240	♂								
31	[illegible]	♀						I		
32	210	♀						I		
33	219	♂								
34	352	♀						I		
35	229	♂								
36	248	♀						I		
37	249	♂								
38	231	♂								
39	251	♀						I		
40	209	♂								
41	233	♂								
42	218	♂								
43	223	♀						I		
44	256	♂								
45	242	♀						I		
46	204	♂								
47	270	♂								
48	207	♀						I		
49	216	♂								
50	213	♀						I		

Length-frequency distribution

294H

Species: Paralichthys dentatus

Station: 2937

Date: JAN 21 1976

Locality: II

T.L.	♂		♀		STYES COMB	T.L.
100-109						600-
110-						610-
120-						620-
130-						630-
140-						640-
150-						650-
160-						660-
170-						670-
180-						680-
190-	II	(2)	I	(1)	(3)	690-
200-	III	(3)	I	(1)	(4)	700-
210-	IIIIIII	(9)	II	(2)	(11)	710-
220-	IIII	(5)	IIII	(5)	(10)	720-
230-	IIII	(5)			(5)	730-
240-	IIII	(4)	IIII	(5)	(9)	740-
250-	III	(3)	IIII	(5)	(8)	750-
260-			II	(2)	(2)	
270-	I	(1)			(1)	
280-						
290-			I	(1)	(1)	
300-						
310-			I	(1)	(1)	
320-						
330-						
340-			I	(1)	(1)	
350-			I	(1)	(1)	
360-			II	(2)	(2)	
370-			I	(1)	(1)	
380-						
390-						
400-			I	(1)	(1)	
410-						
420-						
430-		32		29	61	
440-						
450-						
460-						
470-						
480-						
490-						
500-						
510-						
520-						
530-						
540-						
550-						
560-						
570-						
580-						
590-						

RANGE ♀ 194 - 402

♂ 195 - 270

SEX RATIO ♀ 29

♂ 32

Sheet ___ of ___

Species: P. dentatus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
51	265	♀						I	2937 Area II	(con't)
52	211	♂								
53	237	♂								
54	196	♂								
55	246	♂								
56	216	♂								
57	223	♀						I		
58	256	♀						I		
59	208	♂								
60	229	♂								
61	235	♂								
	♀									

2937